

NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140226

Mode: Highway

Status: Submitted

NC-115

From/Cross Street: From US 421

Specific Improvement Type: 1 - Widen Existing Roadway

To: to 2nd Street

Project Category: Regional Impact

Length: 2.98

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$26,639,000

Description:

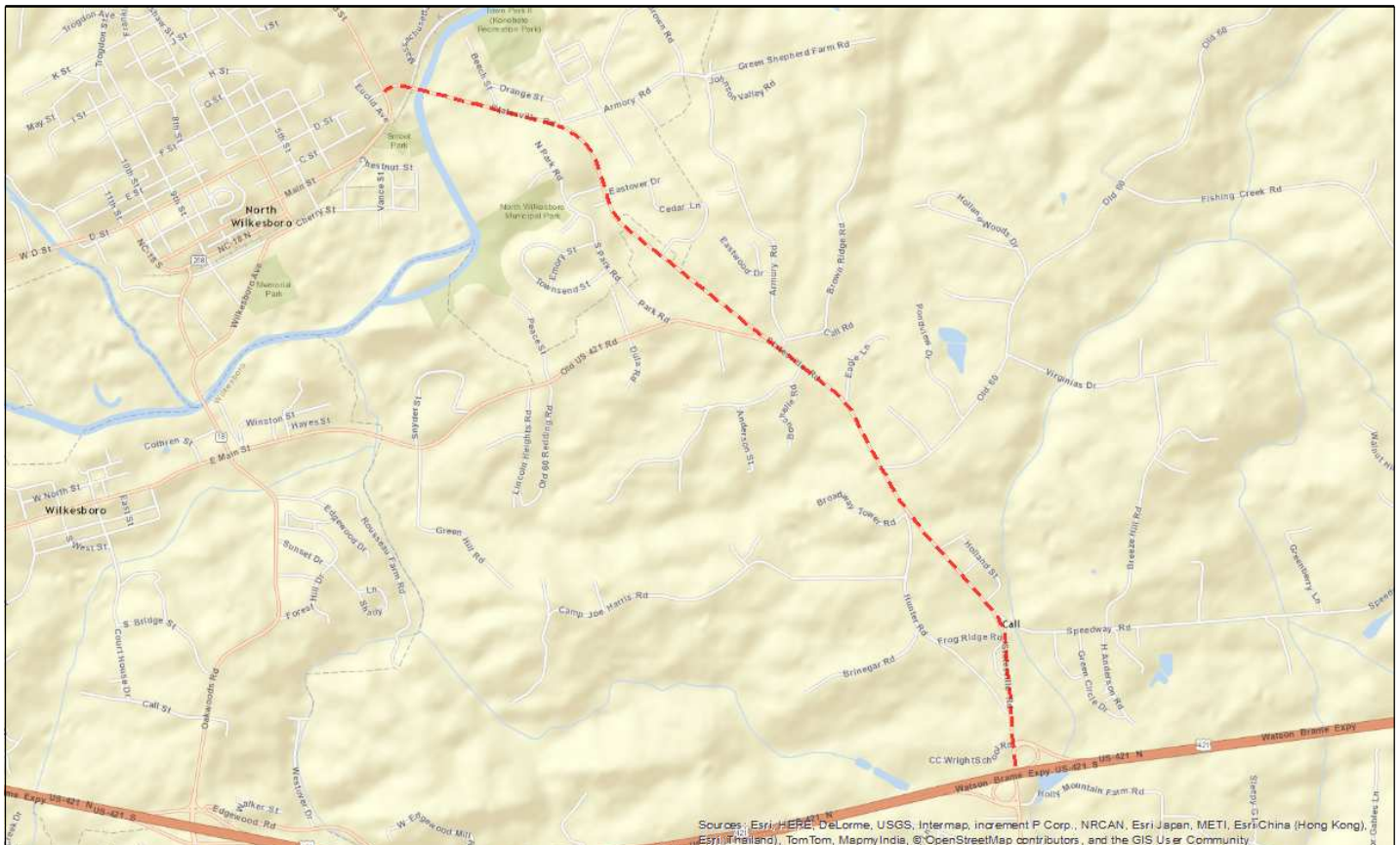
Add center turn lane, widen shoulders, include sidewalks and bike lanes

Division(s): Division 11

County(s): WILKES

MPOS(s)/RPO(s): High Country RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 30.39

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 32.44	Percent: 15%	Percent: 15%
Safety (10%) 65.12	Points: 0	Points: 100
[Travel Time] Benefit/Cost (25%) 0.00		
Accessibility / Connectivity (10%) 7.73		
Totals: Weight: 70% Weighted Score: 15.39		

Division Needs Total Score: 38

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 32.44	Percent: 25%	Percent: 25%
Safety (10%) 65.12	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 50% Weighted Score: 13		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	2.98
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	7727.35
Capacity:	15800
Volume/Capacity Ratio:	0.49
% Autos:	93%
% Trucks:	7%
Truck Volume:	561.2
Crash Density:	56.26
Crash Severity:	83.27
Critical Crash Rate:	55.85
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	37.55
Travel Time Index:	1.2

Project Benefits

Project Cross-Section:	3C - 2 Lane with Two Way Left Turn Lane, Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	42
Length (miles):	2.98
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	2
Travel Time Savings for 30 Years (Total):	0
Travel Time Savings for 30 Years (Autos):	0
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	Thoroughfare Plan for Town of Wilkesboro
CTP/LRTP Completion Year:	1993
Submitted by:	High Country RPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
High Country RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$20,758,000	Cost Estimation Tool
Right-of-Way Cost:	\$5,251,000	Cost Estimation Tool
Utilities Cost:	\$630,000	Cost Estimation Tool
Total Project Cost:	\$26,639,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$26,639,000	